

MODULAR GRAFTED POLYMERIC SURFACES

ABSTRACT OF THE DISCLOSURE

New surfaces for solid phase chemistry applications are disclosed, specifically plastics surfaces modified by graft polymerization for use in chemical synthesis and/or immobilization of chemical entities and/or compounds. In particular, an activated modular grafted polymeric surface is disclosed which is suitable for use as a reagent for solid phase organic synthesis, or as a reagent for the affinity capture, presentation or preparation of biomolecules such as proteins, oligonucleotides, nucleic acids, peptides, and lectins. The grafted polymeric surfaces are particularly useful as scavenger reagents in combinatorial synthetic protocols, and as affinity reagents in protein purification and proteomics.

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